

## **CLAIMS**

1. An apparatus comprising:

- 5           a. a user terminal which generates a user request in a standardized object-based command language;
- b. a legacy data base management system responsively coupled to said user terminal which honors said user request by execution of a non-standardized command language to produce a result from a dataset;
- 10          c. a conversion facility for conversion of said standardized object-based command language to said non-standardized command language; and
- d. a facility responsively coupled to said legacy data base management system which prepares said result for transfer to said user terminal and which modifies said dataset if and only if specified in said service request.

15           2. The apparatus of claim 1 wherein said user terminal is coupled to said legacy data base management system via a publically accessible digital data communication network.

            3. The apparatus of claim 2 wherein said user request specifies said dataset.

20           4. The apparatus of claim 3 wherein said publically accessible digital data communication network further comprises the Internet.

5. The apparatus of claim 4 wherein said standardized object-based command language further comprises JavaScript.

6. A method of utilizing a user terminal to access a legacy data base management system

5 employing a non-standardized command language comprising:

- a. transmitting a service request in a standardized object-based command language from said user terminal requesting access to said legacy data base management system;
- b. receiving said service request by said legacy data base management system;
- 10 c. converting said service request in said standardized object-based command language into said non-standardized command language;
- d. honoring said service request by executing said non-standardized command language to access a dataset by said legacy digital data base management system; and
- e. modifying said dataset if indicated by said service request.

15

7. A method according to claim 6 wherein said dataset is specified by said service request.

8. A method according to claim 7 wherein said transmitting step occurs over a publically accessible digital data communication network.

20

9. A method according to claim 8 wherein said publically accessible digital data communication network further comprises the Internet.

10. A method according to claim 9 wherein said standardized object-based command language further comprises JavaScript.

11. An apparatus comprising:

- 5           a. permitting means for permitting a user to transfer a service request defined by a standardized object-based command language;
- b. offering means responsively coupled to said permitting means via said publically accessible digital data communication network for offering legacy data base management services involving access to at least one dataset having a non-standard scripted command
- 10          language;
- c. converting means responsively coupled to said offering means for converting said service request from said standardized object-base command language to said non-standardized scripted command language; and
- d. modifying means responsively coupled to said offering means for modifying said dataset
- 15          if so indicated by said service request.

12. An apparatus according to claim 11 wherein said dataset is specified by said service request.

13. An apparatus according to claim 12 further comprising means located within said permitting

20          means for generating a second service request.

14. An apparatus according to claim 13 wherein said offering means further comprises

MAPPER data base management system.

15. An apparatus according to claim 14 wherein said permitting means further comprises an industry standard personal computer.

5

16. In a data processing system having a user terminal which generates a service request in a standardized object-based command language responsively coupled to a legacy data base management system which accesses a dataset to honor said service request by executing a non-standardized command language, the improvement comprising:

- 10           a. a conversion facility responsively coupled to said legacy data base management system which converts said service request from said standardized object-based command language to said non-standardized command language; and
- b. a facility which modifies said dataset only if indicated by said service request.

15   17. The improvement according to claim 16 wherein said dataset is specified by said service request.

18. The improvement according to claim 17 wherein said user terminal is responsively coupled to said legacy data base management system via a publically accessible digital data communication  
20   network.

19. The improvement according to claim 18 wherein said publically accessible digital data

communication network further comprises the Internet.

20. The improvement according to claim 19 wherein said standardized object-based command language further comprises JavaScript.

5

21. An apparatus for accessing a database comprising:

a. a user terminal which generates a user request in a JavaScript like standardized object-based command language which specifies a dataset;

10

b. a legacy data base management system responsively coupled to said user terminal via a publically accessible digital data communication network which honors said user request by execution of a non-standardized command language to produce a result from said dataset;

c. a conversion facility for conversion of said standardized object-based command language to said non-standardized command language; and

15

d. a facility responsively coupled to said legacy data base management system which prepares said result for transfer to said user terminal and which modifies said dataset if and only if specified in said service request.